










Regional Avalanche Danger Levels in alpine areas from 25.12.2017 07:30 All-Day		WHAT? problem	WHERE? danger spots
		 old snow	 2400m faceted under crusts
		 drifting snow	 2400m fresh, small
		General Level Tirol 	Tendency tomorrow  constant

DANGER PATTERNS (DP): [dp.1 - deep persistent weak layer](#) [dp.6 - loose snow and wind](#) [dp.2 - gliding snow](#)

Mostly favourable conditions, moderate avalanche danger

AVALANCHE DANGER

The avalanche situation in Tirol is predominantly favourable, the danger moderate. The main hazard stems from the fresh snowdrifts. On shady slopes they can be triggered above 2400 m, on sunny slopes above 2800 m. Avalanche prone locations are small-sized but can be easily recognized. Avalanches can be triggered for the most part by large additional loading. From region to region an old snow problem threatens in the form of faceted crystals beneath crusts, particularly above 2400 m, and more on sunny slopes than shady ones. Avalanches can most likely be triggered in transitions from shallow to deep snow. On steep, grass-covered clogse, gliding avalanches can still trigger naturally.

SNOW LAYERING

Skies last night were clear. The snowpack on sunny slopes is moist up to 2400 m and was able to consolidate. At low and intermediate altitudes, thus, melt-freeze crusts prevail. Weak layers inside the snowpack are found in the light, fluffy powder, now blanketed by fresh snow. This problem tends to worsen with ascending altitude. In addition, layers of faceted crystals, particularly on sunny slopes below a crust, present a risk. At low and intermediate altitudes, the snow will become moister and forfeit some of its firmness during the course of the day through solar radiation and rising temperatures.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Weather: high pressure weather on Christmas Day, mild even at high altitudes. Tomorrow, Tuesday, the SW air current will persist, mild and foehn-influenced in North Tirol. On Wednesday, strong southerly foehn wind, in southern regions snowfall is expected to set in. As Thursday nears, a cold front accompanied by snowfall from a low over northern Italy, then persistent cold. Mountain weather today: on both sides of the Main Alpine Ridge, brilliant sunshine for winter sports. Mild. Zero-degree level will be at about 3000 m. Clear skies tonight. Temperature at 2000 m, +7 degrees: at 3000 m: +1 degree. Light to moderate SW winds at high altitude.

SHORT TERM DEVELOPMENT

Favourable conditions will persist, moderate avalanche danger.

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Translated by Jeffrey McCabe